

I CLAIM:

1. A vaccine formulation comprising an immunogen, a preservative and suitable pharmaceutically acceptable excipients for vaccines characterized in that the
5 preservative is a combination of at least two paraben esters and 2-phenoxyethanol.
2. A vaccine formulation according to claim 1, wherein the paraben esters are selected from the group consisting of methyl, ethyl, propyl and butyl p-
10 hydroxybenzoate.
3. A vaccine formulation according to claim 1, wherein the preservative is a combination of methyl p-hydroxybenzoate, propyl p-hydroxybenzoate and 2-phenoxy ethanol.
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4. A vaccine formulation according to claim 1, wherein the excipients are selected from the group consisting of diluents, stabilizers, adjuvants, preservatives, buffers, surfactants, viscosity controlling agents and osmotic pressure controlling agents.
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5. A vaccine formulation according to claim 1, which further comprises aluminium hydroxide gel as an adjuvant.

6. A vaccine formulation according to claim 1, which further comprises Quillaja saponin as an adjuvant.

7. A vaccine formulation according to claim 1, wherein methyl p-
5 hydroxybenzoate if present, is used in a concentration of 0.01 – 2.5 mg/ml, ethyl p-hydroxybenzoate if present, is used in a concentration of 0.01 – 0.7 mg/ml, propyl p-hydroxybenzoate if present, is used in a concentration of 0.01 – 0.5 mg/ml or butyl p-hydroxybenzoate if present, is used in a concentration of 0.01 – 0.16 mg/ml and 2-phenoxyethanol is used in a
10 concentration of 0.4 – 26 mg/ml.

8. A vaccine formulation according to claim 7, wherein methyl p-hydroxybenzoate is used in a concentration of about 1.3 mg/ml, propyl p-hydroxybenzoate is used in a concentration of about 0.2 mg/ml and 2-
15 phenoxyethanol is used in a concentration of about 1.0 mg/ml.

9. A base stock solution of excipients for the preparation of vaccines comprising an aluminium hydroxide gel and a combination of at least two paraben esters and 2-phenoxyethanol.

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10. A base stock solution of excipients for the preparation of vaccines comprising Quillaja saponin and a combination of at least two paraben esters and 2-phenoxyethanol.

11. A basic stock solution of excipients for the preparation of vaccines comprising an aluminium hydroxide gel, Quillaja saponin and a combination of at least two paraben esters and 2-phenoxyethanol.